

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-228069

(43)Date of publication of application : 15.08.2003

(51)Int.Cl. G02F 1/13363  
 G02B 5/20  
 G02B 5/30  
 G02F 1/1335

(21)Application number : 2002-025837

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(22)Date of filing : 01.02.2002

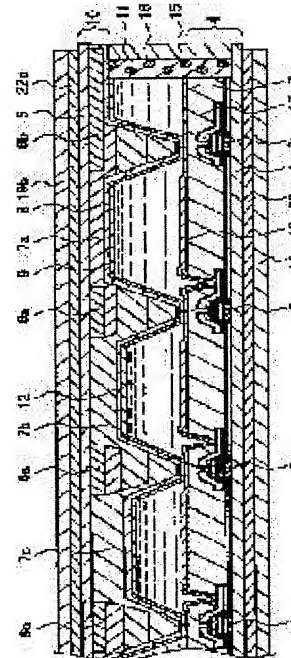
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## (54) THIN FILM TRANSISTOR TYPE LIQUID CRYSTAL DISPLAY PANEL

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a thin film transistor type liquid crystal display panel which has a wider field angle and a high contrast while color variation of half-tone display is suppressed.

SOLUTION: The thin film transistor type liquid crystal display panel has a hybrid alignment structure constituted by sandwiching a nematic liquid crystal layer 12 in twisted array between a thin film transistor substrate 4 and counter electrode substrate 10, arranging cross-Nicol polarizing plates 19a and 19b in rubbing directions of both the substrates, arranging a negative uniaxial liquid crystal optical film between the thin film transistor substrate 4 and the polarizing plate 19a on the substrate 4, and the counter electrode substrate 10 and the polarizing plate 19b on the substrate 10, and continuously varying and fixing a liquid crystal director of the liquid crystal film continuously from each substrate side to each polarizing plate side; and the liquid crystal alignment direction meets the rubbing direction of each substrate and relative film thickness steps are formed in a stack of colored layers of red, green and blue on a black matrix layer 6 and the colored layers to differently adjust the cell thicknesses of respective pixels of red, green and blue.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision  
of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]